

ABSTRACT

A fuel cell separator is molded from a resin
5 composition containing specific amounts of graphite,
thermosetting resin and internal release agent. The graphite
is a synthetic graphite powder prepared by graphitizing lump
coke. The thermosetting resin is a mixture of phenolic
novolac, benzoxazine and polycarbodiimide resins. The molded
10 separator does not need to be machined, has a significantly
improved electrical conductivity, heat resistance and
mechanical strength, and even when very thin is resistant to
breakage during molding and fuel cell assembly.